

## Fanvil i20S SIP Door Phone



Product Name: Fanvil i20S SIP Door Phone

Manufacturer: -

Model Number: i20S

Please Note: This product has been discontinued. Please see the Fanvil i61 for an available alternative.

### Fanvil i20S SIP Door Phone

The design of Fanvil i20S Sip Door phone is based on experience and knowledge of Fanvil IP phone development. The i20S uses standard IP/RTP/RTSP protocol for voice transmission and enjoy the advantages of a full range of compatibility. It has a variety of enterprise-level features and is compatible with lots of major platforms, such as 3CX, Asterisk, Broadsoft, Elastix, etc. The robust mechanical construction of the i20S SIP door phone offers protective coverage rating against dust and water (IP65). The i20S operates economically with its triple function all-in-one access control by call, code and RFID card.

### Fanvil i20S Key Features

- Compatible with standard SIP (RFC3261) protocol and main IPPBX/IMS platform.
- Access Control (by call, by code, IC/RFID)
- All-in-One(Access Control, Intercom and Broadcasting)
- Build-in 3W speaker and AEC, support high-quality hand-free communication.
- Status indication icon
- System online maintenance and management

### Applications

#### • Offices

**All-in-one IP Doorphone**The Fanvil i20S is a multi-functional solution that supports remote DTMF, local password and RFID cards to open the door.Speed-dial button callingEnable the speed-dial with the simple press of one button.Smart network configurationEnd users can use a VoIP phone, PC or SIP software to talk with visitors and monitor remotely.

### Fanvil i20S - Technical Specifications

#### Generic

- 2 SIP Lines
- POE Enabled
- Full-duplex speakerphone (HF)
- Intelligent DSS Keys (Speed Dial)
- Wall-mount installation
- Integrated RFID Card reader
- Integrated indoor switchgear
- Integrated one Relay
- External Power Supply
- All-in-One: Access Control, Intercom and Broadcasting
- Access control-by call, code, RFID card
- Industrial Standard Certifications: IP65, CE/FCC

### Call Features

## Fanvil i20S SIP Door Phone

- Intercom
- Speed Dial
- Auto-Answering (per line)
- Voice Message (on server)
- Local 3-way Conference
- Hot Line

### Phone Features

- Open Door Log
- Access Table (500 entries)
- Support RFID Card issues (500 entries)
- Programmable DSS/Soft keys
- Network Time Synchronization
- Action URL / Active URI

### Audio

- Narrowband CODEC: G.711a/u, G.723.1, G.726-32K, G.729AB
- Wideband CODEC: G.722
- Full-duplex Acoustic Echo Cancellor (AEC) & Hands-free Mode, 96ms tail-length
- Voice Activity Detection (VAD) / Comfort Noise Generation (CNG) / Background Noise Estimation (BNE)
- Packet Loss Concealment (PLC)
- Dynamic Adaptive Jitter Buffer up to 300ms
- DTMF: In-band, Out-of-Band & DTMF-Relay (RFC2833) / SIP INFO

### Networking

- 802.3af PoE
- IP Configuration: Static / DHCP / PPPoE
- Network Access Control: 802.1x
- VPN: L2TP / PPTP / IPSec
- VLAN: 802.1p/q
- QoS: DSCP

### Protocols

- SIP2.0 over UDP / TCP / TLS
- RTP / RTCP / SRTP
- STUN
- DHCP
- PPPoE
- 802.1x Open VPN
- SNTP
- FTP / TFTP
- HTTP / HTTPS
- TR069

### Deployment & Maintenance

- Auto-Provisioning via FTP / TFTP / HTTP / HTTPS / DHCP / TR069 / SIP PNP

## Fanvil i20S SIP Door Phone

i20S 1/2 Web Management Portal  
i20S 1/2 Web-based Packet Dump  
i20S 1/2 Configuration Backup / Restore  
i20S 1/2 Entry Log Export  
i20S 1/2 Access Table Export / Import  
i20S 1/2 Firmware Upgrade  
i20S 1/2 Syslog(include door access logs)

### Physical Specifications

i20S 1/2 1 DSS Key  
i20S 1/2 Numeric keypad  
i20S 1/2 WAN: 10/100BASE-Tx, Auto-MDIX,RJ-45  
i20S 1/2 PoE: 802.3af(Class 3 - 6.49~12.95W)  
i20S 1/2 Passive Switch(short-circuit output): NC/NO Contacts, MAX 30V/1A AC/DC  
i20S 1/2 Active Switch output: 12V/700mA DC  
i20S 1/2 RFID/IC Card: EM4100 (125KHz)----Standard MIFARE ONE (13.56MHz) ----Custom-made  
i20S 1/2 Main Chipset: Broadcom  
i20S 1/2 Speaker: 40/3W  
i20S 1/2 Cables: CAT5 or better  
i20S 1/2 Power Supply: 12V/1A DC or PoE  
i20S 1/2 Shell material: Metal panel, ABS sump  
i20S 1/2 Protection level: IP65  
i20S 1/2 Working Temperature: -10~60?  
i20S 1/2 Storage Temperature: -40~70?  
i20S 1/2 Working Humidity: 10~90%  
i20S 1/2 Device Dimension: 160 x 93 x 35mm  
i20S 1/2 Package size: 178 x 104 x 55mm  
i20S 1/2 Device Weight: 300g  
i20S 1/2 Gross weight: 420g

### Please Enquire

Options available for Fanvil i20S SIP Door Phone :

#### Support Required

Not Required, [Voipon Premium Support Starter \(+£75.00\).](#)

#### Fanvil RFID Card

Not Required, [Required \(+£5.00\).](#)